ABSTRACT

This invention provides antigen substance inductors which produce highly selective and/or specific vaccine precursor, vaccine, antibody (including idiotype antibody), neutralizing antibody, antitoxin.

This invention is to produce and/or manufacture highly selective and/or specific vaccine precursor, vaccine, antibody (including idiotype antibody), neutralizing antibody, antitoxin by quantum thermodynamic and chemical control of molecular functions and morphogenesis, inducing non-functional complex macromolecules which form organism and/or non-organism and which become to be substance with fundamental structure more closed to an induction of the functions, utilizing the fundamental structure of molecule which is indicated in Formula 3-a as a representative molecule. Moreover, by those produced substances, this invention is to produce and/or manufacture antimicrobial agent, antiviral agent, neutralizing antibody, antitoxin, antitumor agent, anti-protozoa agent (malaria, spirochaeta et. al), molecular discriminating agent, antibody as labeled compounds, histocompatible accelerator on tissues or organs, immuno-response accelerator or immuno-response controller, complement chain reaction accelerator.

$$H_2C$$
 R_3
 R_4
 R_5
 R_5

Formula 3-a

5

10

15